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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,737	01/22/2004	Lien-Wen Chang	034.0003US	7677

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EXAMINER

LEVI, DAMEON E

ART UNIT PAPER NUMBER

2841

DATE MAILED: 07/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

H.A

## Office Action Summary

Application No.

10/763,737

Applicant(s)

CHANG ET AL.

Examiner

Dameon E. Levi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over De Lorenzo et al US Patent 6493233 in view of Ady et al US Patent 6215667.**

**Regarding claim 1,** De Lorenzo discloses a device comprising:

a rivet pin (for example, see elements 14, Figs 1A-10), said rivet pin having a first end (for example, see elements 12, Figs 1A-10) and a second end (for example, see elements 14, Figs 1A-10), said first end being provided with threads.

De Lorenzo does not disclose a first end being received by a recession using the threads and the second end attaching the second shell for connecting the second shell to the first shell.

Ady et al discloses an apparatus with a rivet having a first end being received by a recession (for example, see elements 28, 30, Fig 1) using the threads and the second end attaching the second shell (for example, see elements 28, 50, 32, Fig 1) for connecting the second shell to the first shell (for example, see elements 28, 30, 58, 50, 32, Fig 1).

Accordingly, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to have used a rivet as taught by Ady et al in the apparatus as

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taught by De Lorenzo et al as rivets are known to be used for attaching electronic devices, as well as, their constituent housing parts together.

**Regarding claim 2**, De Lorenzo et al discloses wherein said second shell has at least a second hole(for example, see elements 22, Figs 1-3).

**Regarding claim 3**, De Lorenzo et al discloses wherein a connection device further comprises a rivet body being inserted into a second hole(for example, see elements 14, Figs 1A-10)for connecting to a second shell, and said rivet body being provided with a slot (for example, see elements D1 Figs 1A-10)allowing said second end to pass through, and said second end engaging with said rivet body (for example, see elements 12,14 Figs 1A-10)for connecting said second shell to said first shell.

**Regarding claim 4**, De Lorenzo et al discloses wherein said rivet pin further comprises a

bolt head (for example, see element 15, Figs 1A-10)located between said first end and said second end allowing users to rotate said rivet pin.

**Regarding claim 5**, De Lorenzo et al discloses an apparatus comprising :

a rivet pin(for example, see elements 14, Figs 1A-10), said rivet pin having a first end (for example, see elements 12, Figs 1A-10)and a second end (for example, see elements 14, Figs 1A-10), said first end being provided with threads

De Lorenzo et al does not disclose the rivet being received by the recession using the threads and a rivet body being inserted into said second hole for connecting to said second shell, and said rivet body being provided with a slot allowing said second end to pass through and to engage with said rivet body.

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Ady et al discloses an apparatus having a rivet being received by the recession using the threads (for example, see elements 28, 30, Fig 1) and a rivet body being inserted into said second hole for connecting to said second shell, and said rivet body being provided with a slot allowing said second end to pass through and to engage with said rivet body (for example, see elements 28, 30, 58, 50, 32, Fig 1).

Accordingly, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to have used a rivet as taught by Ady et al in the apparatus as taught by De Lorenzo et al as rivets are known to be used for attaching electronic devices, as well as, their constituent housing parts together.

**Regarding claim 6**, De Lorenzo et al discloses a bolt head located between said first end and said second end (for example, see element 15, Figs 1A-10) allowing users to rotate said rivet pin.

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-6 have been considered but are moot in view of the new ground(s) of rejection.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dameon E. Levi whose telephone number is (571) 272-2105. The examiner can normally be reached on Mon.-Fri. (9:00 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571) 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dameon E Levi  
Examiner  
Art Unit 2841

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